



Combined
data sheet

RAK8-S

8 CHANNEL SWITCHING RAK



WHAT IS IT ?

The RAK8-S is an 8-channel switching board designed to control non-dimmable loads such as lights, transformers and motors.

The RAK8-S combined with a Link device (Rx-LINK or RAK-LINK) can either be used as a single 8-Channel unit or formed into a "stack" of up to 32 circuits (four RAK8's)

The RAK8-S Switching RAK For Non-Dimmable Loads



The RAK8-S is an eight-output switching RAK which can be installed in either Wired or Wireless Rako systems.

Configured in Rasoft Pro, each output of the RAK8-S can be configured to an individual channel, with the added option of grouping channels together for switching multiple loads simultaneously.

The RAK8-S requires at least one RxLINK for wireless installations (supporting up to two RAK8 units per RxLINK) or one RAK-LINK for wired installations (supporting up to four RAK8 units per RAK-LINK).

With eight independent switching relays, multiple load types can be connected to each output of the RAK8-S such as:

- LED; GU10, B22, E14, G8
- Transformers; MR16, GU5.3, Halogen
- Motors; Fan, Pump

For more information:

[Rako Overview Application Sheet](#)

[Wireless RAK Application Sheet](#)

[Wired RAK Application Sheet](#)



Combined

data sheet

RAK8-S

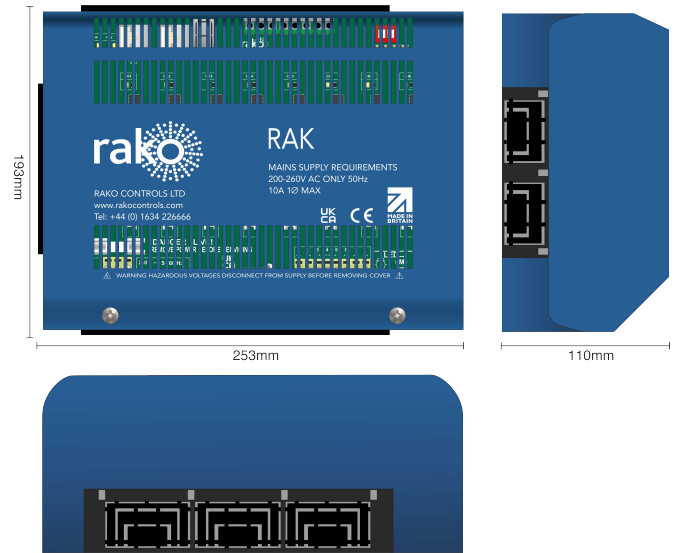
8 CHANNEL SWITCHING RAK



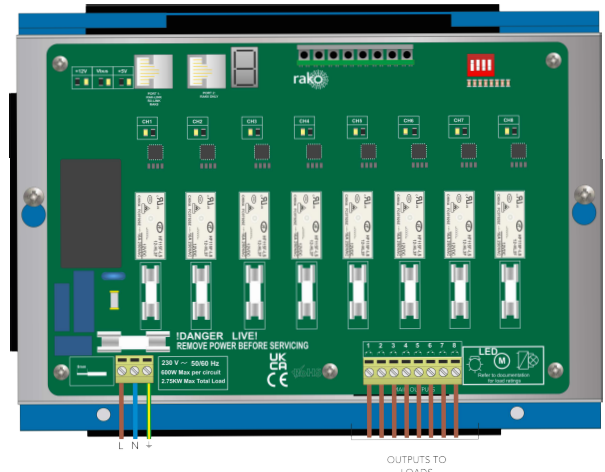
technical data

dimensions	193x253x110mm
input supply	230V AC 50/60Hz 10A Type B MCB protection required
weight	3.5Kg
fuse	8 x 5A 20mm Fuse 1 x 15A 35mm Fuse
housing	Powder coated galvanised steel
climate range	Temperature +2C to +40C Humidity +5% to 95% non condensing
connections	3 way screw terminal for mains supply 8 way terminal for switched outputs
min/max and load types	LED - MIN: 1mA MAX: 600W Transformer - MIN: 1mA MAX: 300W (cos ϕ => 0.6) Motor - MIN: 1mA MAX: 1A (1/3 HP Fan)
terminal sizes	2.5mm ² - Stranded 4.0mm ² - Solid
cable entry	Multiple knockouts on top, bottom, side and rear
standards	RoHS UKCA EN60669-2-5/60669-2-1
communication	RS485 to other RAKs, RX-Link and RAK-Link

mechanical data



connection details



telephone +44 (0)1634 226666 www.rakocontrols.com

WE RESERVE THE RIGHT TO CHANGE THE SPECIFICATION AND DATA HEREWITH WITHOUT NOTICE.

© 2024 RAKO CONTROLS LIMITED